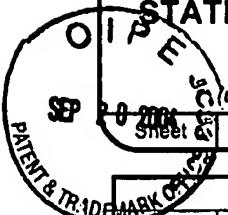


Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		<i>Complete If Known</i>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>		Application Number	10/721,821
		Filing Date	11/25/2003
		First Named Inventor	Richard Mertens
		Group Art Unit	1754
		Examiner Name	Unknown
		Attorney Docket Number	5003073-049US1
Sheet #	1	of	1



## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature	/Edward Johnson/	Date Considered	05/14/2007
-----------------------	------------------	--------------------	------------

**'EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

1

of

4

**Complete if Known**

Application Number	To be assigned
Filing Date	November 25, 2003
First Named Inventor	Richard Mertens
Group Art Unit	To be assigned
Examiner Name	To be assigned

Attorney Docket Number 5003073-049US1

<b>U.S. PATENT DOCUMENTS</b>				
Examiner Initials *	Cite No. <sup>1</sup>	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document
		Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
/E.J./	1	US- RE 31,323	7/28/1983	Marder et al.
/E.J./	2	US- RE 32,849	4/19/1988	Brandt et al.
/E.J./	3	US- 2,639,239	5/19/1953	E.S. Elliott
/E.J./	4	US- 3,247,171	4/19/1966	The Dow Chemical Co.
/E.J./	5	US- 3,589,364	6/29/1971	Dean et al.
/E.J./	6	US- 4,043,852	8/23/1977	Ganslaw et al.
/E.J./	7	US- 4,051,086	9/27/1977	Reid
/E.J./	8	US- 4,840,810	2/3/1987	Laursen et al.
/E.J./	9	US- 4,889,408	8/25/1987	Gelman et al.
/E.J./	10	US- 4,952,550	8/28/1990	Wallach et al.
/E.J./	11	US- 4,959,341	9/25/1990	Wallach
/E.J./	12	US- 5,247,072	9/21/1993	Ning et al.
/E.J./	13	US- 5,247,984	9/28/1993	DeLange
/E.J./	14	US- 5,252,340	10/12/1993	Honeycutt
/E.J./	15	US- 5,470,984	11/28/1995	Qin
/E.J./	16	US- 5,532,350	7/2/1998	Cottrell et al.
/E.J./	17	US- 5,550,189	8/27/1998	Qin et al.
/E.J./	18	US- 5,669,894	9/23/1997	Goldman et al.
/E.J./	19	US- 5,807,116	9/15/1998	Kitatani et al.
/E.J./	20	US- 5,811,531	9/22/1998	Iguchi et al.

**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
/E.J./	21	DE 42 06 857 A1	3/5/1992	Chemische		
/E.J./	22	DE 44 18 319 A1	5/26/1994	Chemische		
/E.J./	23	DE 195 05 709 A1	2/20/1995	Chemische		
/E.J./	24	DE 196 54 745 A1	12/30/1999 6	Lechner, M.D.		
/E.J./	25	DE 197 50 890 A1	11/18/1999 7	Maksimow, A.		
/E.J./	26	DE 198 07 501 C1	2/21/1998	Clariant		
/E.J./	27	DE 198 07 504 A1	2/21/1998	BASF AG		
/E.J./	28	DE 199 09 653 A1	3/5/1999	Stockhausen		
/E.J./	29	EP 0 538 904 A2	4/28/1993	Kimberly-Clark		

Examiner Signature	/Edward Johnson/	Date Considered	05/14/2007
--------------------	------------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 809. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				<b>Complete If Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				Application Number	To be assigned
				Filing Date	November 24, 2003
				First Named Inventor	Richard Mertens
				Group Art Unit	To be assigned
				Examiner Name	To be assigned
(use as many sheets as necessary)					
Sheet	2	of	4	Attorney Docket Number	5003073-049US1

#### **OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS**

Examiner Signature	/Edward Johnson/	Date Considered	05/14/2007
--------------------	------------------	-----------------	------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for Form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Shee

1

4

Complete if Known	
Application Number	To be assigned
Filing Date	November 25, 2003
First Named Inventor	Richard Mertens
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	5003073-049US1

## **U.S. PATENT DOCUMENTS**

## FOREIGN PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS							
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)					
/E.J./	30	EP 0 538 904 B1		4/28/1993	Kimberly-Clark		
/E.J./	31	EP 0 566 118 B1		10/20/1993	Kimberly-Clark		
/E.J./	32	EP 0 614 914 B1		9/14/1994	FIDIA S.p.A.		
/E.J./	33	EP 0 637 594 A2		2/8/1995	Nippon		
/E.J./	34	EP 0637 594 B1		2/8/1995	Nippon		
/E.J./	35	EP 0 850 615 A1		7/1/1998	Procter & Gamble		
/E.J./	36	EP 0 855 405 A1		1/21/1998	Degussa AG		
/E.J./	37	JP 2001 114803		4/24/2001	Unitika Ltd.		
/E.J./	38	JP 3 285919		12/17/1991	Sekisui Plastics		

Examiner Signature	/Edward Johnson/	Date Considered	05/14/2007
--------------------	------------------	-----------------	------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).<sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

**Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.**

Substitute for form 1449A/PTO

## **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

(use as many sheets as necessary)

She

of

4

Complete if Known	
Application Number	To be assigned
Filing Date	November 25, 2003
First Named Inventor	Richard Martens
Group Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	5003073-049US1

## **U.S. PATENT DOCUMENTS**

## **FOREIGN PATENT DOCUMENTS**

Examiner Signature	/Edward Johnson/	Date Considered	05/14/2007
--------------------	------------------	-----------------	------------

**EXAMINER:** Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 801.04.

<sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>4</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.<sup>5</sup> Applicant is to place a check mark here if English language Translation is attached.

**Burden Hour Statement:** This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.